

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/03135

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47L5/28 A47L9/00 A47L5/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5 794 305 A (WEGER KENNETH J) 18 August 1998 (1998-08-18) column 2, line 60 -column 4, line 34; figures 2-6	1,2,6, 12,24 3-5, 7-11, 13-22
X,P A	FR 2 826 851 A (NIELSEN INNOVATION) 10 January 2003 (2003-01-10) figures 1A,1B,2A,2B	1,2,6,24 3-5,7-22
X A	EP 1 121 889 A (MATSUSHITA ELECTRIC IND CO LTD) 8 August 2001 (2001-08-08) column 7, line 27 - line 58; figures 5,6,9,11	1,24 2-22
A	EP 1 129 657 A (MATSUSHITA ELECTRIC IND CO LTD) 5 September 2001 (2001-09-05) the whole document	1-22,24

☐ Further documents are listed in the continuation of box C:

☒ Patent family members are listed in annex

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

17 October 2003

Date of mailing of the international search report

03/11/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lodato, A

# INTERNATIONAL SEARCH REPORT

Int'l application No.  
.../GB 03/03135

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☒ Claims Nos.: 23  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No. PCT/GB 03 03135

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 23

Present claim 23 lacks clarity (Article 6 PCT). An attempt is made to define the the subject-matter by reference to the drawings. All the claims should specify clearly all of the essential features needed to define the invention. Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5794305	A	18-08-1998	NONE	
FR 2826851	A	10-01-2003	FR 2826851 A1	10-01-2003
			WO 03003896 A1	16-01-2003
EP 1121889	A	08-08-2001	JP 2001204653 A	31-07-2001
			JP 2001218707 A	14-08-2001
			JP 2001224542 A	21-08-2001
			JP 2001353104 A	25-12-2001
			CA 2332676 A1	31-07-2001
			CN 1319373 A	31-10-2001
			EP 1121889 A2	08-08-2001
			US 2002112316 A1	22-08-2002
			US 2003051307 A1	20-03-2003
			US 2001018780 A1	06-09-2001
EP 1129657	A	05-09-2001	JP 2001314356 A	13-11-2001
			JP 2002177171 A	25-06-2002
			CA 2338895 A1	01-09-2001
			CN 1310979 A	05-09-2001
			EP 1129657 A1	05-09-2001
			TW 471954 B	11-01-2002
			US 2001029641 A1	18-10-2001